

LandLink:

Leveraging New Technologies to Modernize Conservation Management

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Our Mission



Connect

Innovation

Conserve

Restore

Maryland Environmental Trust



Over 1000 easements to monitor on 134,088 acres !

More than half co-held with our Local Land Trust Partners

MET post-monitoring process



Paper-based



Microsoft Access database



Manual photo-point entry

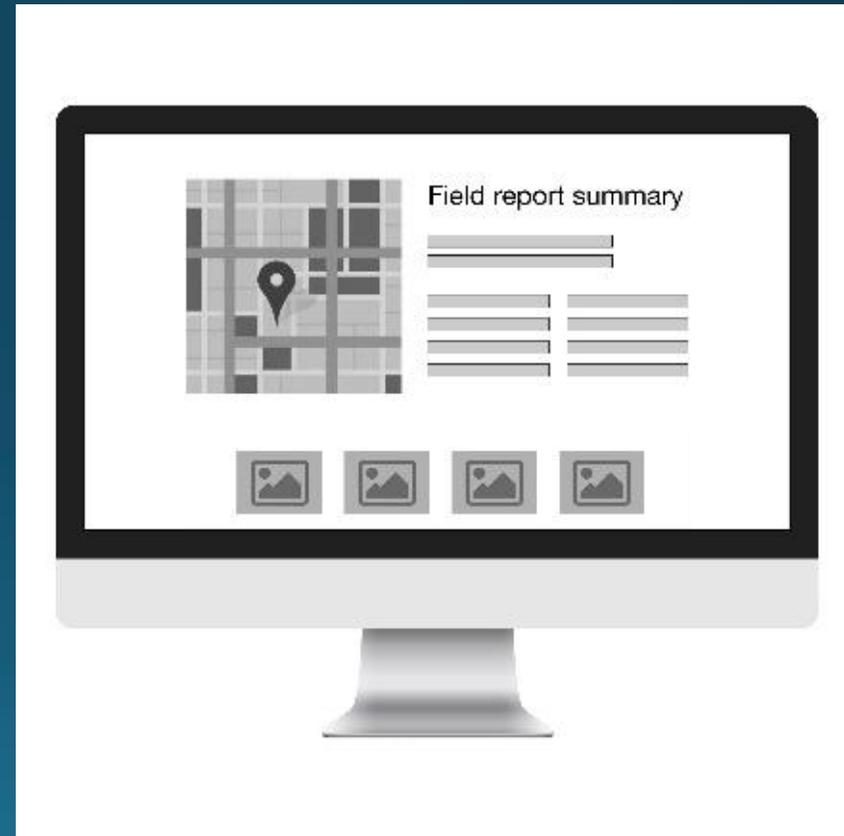
Updated protocol for monitoring



1. Mobile field report form



2. Web application for storage / display





Maryland Land Trust Easement Monitoring Report

▼ Easement

*** Organization**

Maryland Environmental Trust... ▾

Landtrust identifier

Reference name (e.g. Property / Landowner name)

Easement to visit

*** Donated?**

- No
 Yes

Program / Easement type

Locate Integration



LOCATE

- Monitoring reports
 - Photo summary
 - Due Diligence
- Flag items of concern
- Easement management database
 - Reporting tools
 - Strategic stewardship



Welcome, Maryland Environmental Trust

Find updates and new uploads below, or head over to the [Easements](#) page to view the map.

Dashboard

Directory

Recent Kobo uploads

Resource kit

Quick stats

1079
EASEMENTS

136
COMPLETED REPORTS

38
KOBO UPLOADS IN LAST 90 DAYS

Latest completed reports

2018/05/02
For [0782STA03.KENT](#) from J Chapman / M D'arcy

2018/03/07
For [0220MAT92.PRIN](#) from Rachel Werderits, Emily Smith, Rachel Kreiger

2018/05/03
For [0086PAS83.TALB](#) from Bob and Susan Wason

2018/05/03
For [0608ESL01.TALB](#) from Bob and Susan Wason

2018/01/25
For [0828WOL05.BACO](#) from David Minges

Connections



MD Dep. of Information Technology
You are connected!



KoBo Toolbox
You are connected!

Connected



Monitoring App



Volunteers



Local Land Trust Partners



LOCATE

- Monitoring reports
 - Photo summary
 - Due Diligence
- Flags items of concern

Connected!



- Easement management database
 - Reporting tools
 - Strategic stewardship

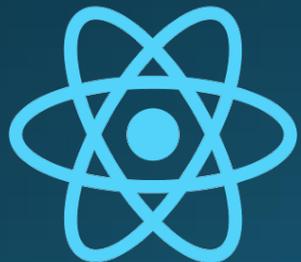
Volunteer Training



LandLink Upgrades -- New Technology



Firebase



React



heroku

- Modern
- Easier to maintain
- More secure
- Single place to manage organizations instead of individual deployments
- Easier integration with other platforms

LandLink Upgrades – Organizational Profiles

User
Colin Stief

Organization
Sudbury Valley Trustees

Email
c.olin.stief@gmail.com

Password
Reset your password here

Members

Name	Email	Role	
Kristin O'Brien	kobrien@svtweb.org	Administrator	Remove
Colin Stief	c.olin.stief@gmail.com	Administrator	Remove

Full name Email Member Add

Easement source

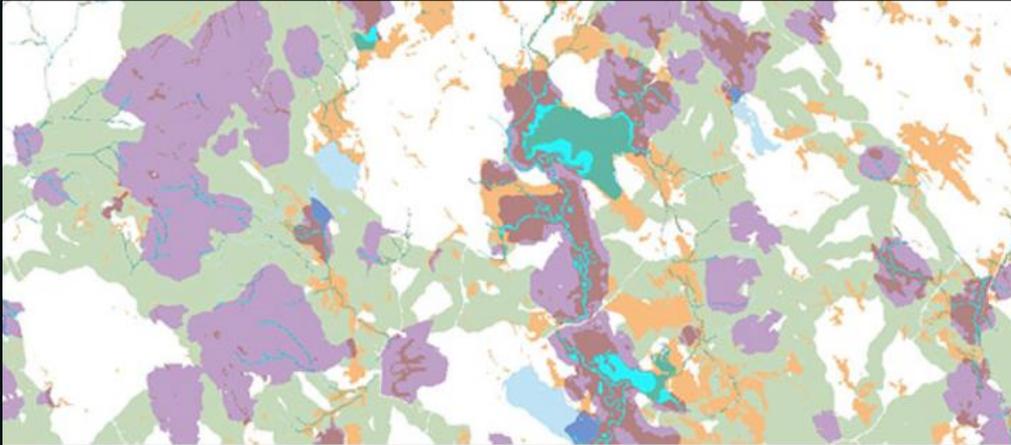
Type
Managed

409
NUMBER OF RECORDS
CURRENTLY IN SYSTEM

Replace Add

Select an option above to upload a file. Once it has been verified and prepared, you will be able to confirm your upload before it becomes permanent.

- Easy-to-use interface for updating easements, members, and mobile platform questions
- Manage custom reports
- Puts control in the hands of partner organizations rather than relying on us to manage everything



Conservation Design Framework

Nature's Network

Depicts an interconnected network of lands and waters that, if protected, will support a diversity of fish, wildlife, and natural resources that the people of the Northeast and Mid-Atlantic region depend upon.

- Quantify overlaps between individual easements and datasets about how they fit into the larger landscape
- Currently integrates Nature's Network Conservation Design... more in future
- Suitable for prioritization as well as assessment



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